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# WHYALLA – SOUTH AUSTRALIA

LAT 33° 1' LONG 137° 35'

Times and Heights of High and Low Waters

# 2017

Local Time

JANUARY				FEBRUARY				MARCH				APRIL				
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	
<b>1</b> 0301 1.08 0857 2.88 SU 1617 0.41 2212 2.15		<b>16</b> 0319 1.06 0913 2.74 MO 1623 0.53 2218 2.16		<b>1</b> 0412 0.94 0951 2.63 WE 1637 0.46 2244 2.37		<b>16</b> 0426 0.80 0957 2.41 TH 1621 0.51 2236 2.58		<b>1</b> 0341 0.76 0920 2.67 WE 1555 0.41 2159 2.53		<b>16</b> 0351 0.65 0923 2.44 TH 1539 0.50 2148 2.73		<b>1</b> 0433 0.64 0958 1.99 SA 1532 0.79 2154 2.86		<b>16</b> 0334 0.62 0902 2.05 SU 1435 0.82 2054 2.88		
<b>2</b> 0331 1.09 0924 2.79 MO 1638 0.45 2238 2.15		<b>17</b> 0352 1.02 0938 2.61 TU 1634 0.56 2237 2.28		<b>2</b> 0444 0.96 1017 2.42 TH 1649 0.59 2303 2.41		<b>17</b> 0456 0.84 1021 2.22 FR 1633 0.60 2257 2.59		<b>2</b> 0411 0.73 0946 2.49 TH 1607 0.52 2215 2.60		<b>17</b> 0417 0.65 0946 2.31 FR 1552 0.55 2207 2.76		<b>2</b> 0359 0.73 0913 1.76 SU 1432 0.85 2107 2.86		<b>17</b> 0359 0.67 0928 1.91 MO 1446 0.95 2110 2.80		
<b>3</b> 0403 1.13 0951 2.65 TU 1657 0.52 2304 2.16		<b>18</b> 0427 1.03 1004 2.43 WE 1646 0.59 2301 2.36		<b>3</b> 0518 1.01 1043 2.14 FR 1656 0.74 2323 2.44		<b>18</b> 0528 0.93 1045 1.98 SA 1640 0.76 2318 2.54		<b>3</b> 0439 0.75 1007 2.25 FR 1613 0.63 2229 2.65		<b>18</b> 0444 0.69 1009 2.15 SA 1603 0.65 2225 2.75		<b>3</b> 0425 0.85 0926 1.56 MO 1427 0.92 2123 2.77		<b>18</b> 0428 0.76 0956 1.75 TU 1451 1.12 2125 2.68		
<b>4</b> 0438 1.20 1019 2.46 WE 1716 0.64 2333 2.16		<b>19</b> 0504 1.09 1031 2.20 TH 1659 0.69 2330 2.38		<b>4</b> 0600 1.10 1106 1.80 SA 1654 0.92 2347 2.42		<b>19</b> 0607 1.05 1108 1.69 SU 1638 0.95 2339 2.44		<b>4</b> 0508 0.82 1026 1.98 SA 1614 0.75 2243 2.68		<b>19</b> 0511 0.76 1033 1.96 SU 1611 0.79 2241 2.69		<b>4</b> 0457 1.01 0934 1.37 TU 1408 1.01 2134 2.58		<b>19</b> 0503 0.88 1031 1.55 WE 1441 1.30 2139 2.49		
<b>5</b> 0521 1.29 1050 2.18 TH 1734 0.82		<b>20</b> 0549 1.18 1058 1.92 FR 1709 0.85 ☉		<b>5</b> 0707 1.23 1116 1.43 SU 1624 1.08		<b>20</b> 0707 1.21 1113 1.39 MO 1605 1.11 2357 2.28		<b>5</b> 0539 0.92 1043 1.69 SU 1608 0.86 2259 2.64		<b>20</b> 0542 0.87 1056 1.73 MO 1612 0.97 2257 2.59		<b>5</b> 1252 1.04 2124 2.33 WE		<b>20</b> 0607 1.04 2133 2.24 TH		
<b>6</b> 0009 2.16 0624 1.39 FR 1125 1.83 ☉ 1744 1.06		<b>21</b> 0003 2.34 0649 1.30 SA 1121 1.60 1704 1.06		<b>6</b> 0013 2.34 1357 0.97 MO		<b>21</b> 1337 1.04 2356 2.09 TU		<b>6</b> 0620 1.09 1045 1.40 MO 1544 0.96 2314 2.52		<b>21</b> 0623 1.03 1114 1.47 TU 1551 1.14 ☉ 2308 2.42		<b>6</b> 1205 0.93 1954 2.15 TH		<b>21</b> 1000 1.09 1913 2.11 FR		
<b>7</b> 0100 2.14 0929 1.40 SA 1201 1.42 1703 1.30		<b>22</b> 0044 2.26 1522 1.20 SU		<b>7</b> 0040 2.20 1342 0.66 TU 2211 2.03		<b>22</b> 1328 0.78 2110 2.02 WE		<b>7</b> 1414 0.92 2312 2.32 TU		<b>22</b> 0831 1.19 1045 1.21 WE 1332 1.15 2257 2.20		<b>7</b> 0136 1.76 0425 1.81 FR 1209 0.81 1908 2.18		<b>22</b> 0104 1.80 0311 1.82 SA 1122 0.91 1826 2.23		
<b>8</b> 0246 2.14 1244 1.01 SU		<b>23</b> 0222 2.16 1309 0.95 MO		<b>8</b> 0104 2.01 0526 2.23 WE 1405 0.43 2117 2.05		<b>23</b> 0112 1.86 0547 2.16 TH 1349 0.57 2047 2.09		<b>8</b> 1339 0.72 2145 2.14 WE		<b>23</b> 1259 0.91 2056 2.10 TH		<b>8</b> 0040 1.49 0536 2.02 SA 1227 0.74 1854 2.29		<b>23</b> 0014 1.49 0510 2.02 SU 1156 0.79 1824 2.39		
<b>9</b> 0439 2.27 1324 0.66 MO 2055 1.90 2349 1.80		<b>24</b> 0452 2.23 1331 0.69 TU 2052 1.94		<b>9</b> 0128 1.80 0635 2.42 TH 1432 0.31 2114 2.06		<b>24</b> 0127 1.63 0643 2.38 FR 1413 0.43 2045 2.15		<b>9</b> 0221 1.92 0532 2.01 TH 1349 0.54 2056 2.13		<b>24</b> 0149 1.84 0521 1.96 FR 1318 0.70 2021 2.17		<b>9</b> 0047 1.20 0612 2.18 SU 1245 0.72 1854 2.41		<b>24</b> 0033 1.17 0600 2.21 MO 1225 0.74 1833 2.54		
<b>10</b> 0544 2.44 1402 0.41 TU 2101 1.99		<b>25</b> 0023 1.74 0601 2.39 WE 1400 0.51 2047 2.03		<b>10</b> 0149 1.58 0718 2.59 FR 1457 0.30 2115 2.06		<b>25</b> 0150 1.40 0721 2.57 SA 1438 0.35 2051 2.21		<b>10</b> 0149 1.67 0643 2.23 FR 1409 0.46 2044 2.16		<b>25</b> 0131 1.57 0632 2.20 SA 1343 0.55 2013 2.26		<b>10</b> 0104 0.97 0640 2.29 MO 1302 0.71 1902 2.55		<b>25</b> 0059 0.89 0637 2.32 TU 1249 0.75 1849 2.68		
<b>11</b> 0046 1.73 0631 2.62 WE 1437 0.28 2116 1.99		<b>26</b> 0107 1.58 0646 2.57 TH 1429 0.40 2054 2.08		<b>11</b> 0210 1.36 0752 2.70 SA 1517 0.35 2120 2.10		<b>26</b> 0215 1.18 0754 2.71 SU 1501 0.32 2103 2.29		<b>11</b> 0158 1.40 0721 2.41 SA 1428 0.45 2042 2.22		<b>26</b> 0147 1.30 0712 2.41 SU 1406 0.47 2019 2.36		<b>11</b> 0125 0.78 0705 2.35 TU 1317 0.69 1916 2.68		<b>26</b> 0129 0.68 0711 2.34 WE 1309 0.79 1907 2.82		
<b>12</b> 0118 1.61 0709 2.75 TH 1509 0.26 ☉ 2129 1.97		<b>27</b> 0139 1.41 0723 2.71 FR 1456 0.34 2106 2.13		<b>12</b> 0234 1.15 0821 2.75 SU 1533 0.40 2129 2.18		<b>27</b> 0242 0.99 0824 2.78 MO 1521 0.31 2120 2.37		<b>12</b> 0214 1.16 0750 2.52 SU 1444 0.48 2045 2.30		<b>27</b> 0211 1.05 0746 2.54 MO 1428 0.45 2031 2.47		<b>12</b> 0149 0.66 0728 2.35 WE 1333 0.67 1935 2.80		<b>27</b> 0200 0.54 0743 2.27 TH 1325 0.85 1928 2.93		
<b>13</b> 0146 1.46 0745 2.84 FR 1536 0.31 2139 1.95		<b>28</b> 0209 1.25 0756 2.82 SA 1521 0.32 ☉ 2122 2.17		<b>13</b> 0300 0.98 0847 2.73 MO 1546 0.44 2141 2.30		<b>28</b> 0311 0.85 0853 2.77 TU 1539 0.34 2140 2.46		<b>13</b> 0235 0.95 0816 2.57 MO 1458 0.50 2056 2.42		<b>28</b> 0237 0.84 0816 2.60 TU 1449 0.47 ☉ 2048 2.59		<b>13</b> 0215 0.58 0751 2.32 TH 1350 0.65 1956 2.88		<b>28</b> 0232 0.48 0813 2.12 FR 1339 0.91 1948 3.01		
<b>14</b> 0215 1.30 0818 2.87 SA 1556 0.40 2151 1.98		<b>29</b> 0239 1.11 0828 2.87 SU 1543 0.31 2141 2.23		<b>14</b> 0328 0.86 0910 2.67 TU 1558 0.46 2157 2.42				<b>14</b> 0258 0.79 0839 2.57 TU 1512 0.49 2110 2.55		<b>29</b> 0306 0.68 0846 2.56 WE 1506 0.52 2107 2.69		<b>14</b> 0241 0.56 0815 2.26 FR 1407 0.66 2017 2.92		<b>29</b> 0304 0.51 0839 1.93 SA 1347 0.96 2006 3.03		
<b>15</b> 0247 1.16 0847 2.83 SU 1612 0.48 2203 2.06		<b>30</b> 0310 1.00 0857 2.86 MO 1604 0.33 2202 2.28		<b>15</b> 0357 0.81 0933 2.56 WE 1609 0.47 2215 2.52				<b>15</b> 0324 0.69 0901 2.52 WE 1525 0.49 2129 2.65		<b>30</b> 0336 0.60 0913 2.43 TH 1520 0.61 2125 2.78		<b>15</b> 0308 0.57 0839 2.16 SA 1422 0.72 2036 2.91		<b>30</b> 0333 0.59 0859 1.75 SU 1353 1.00 2023 3.01		
		<b>31</b> 0341 0.95 0925 2.78 TU 1622 0.38 2224 2.33						<b>31</b> 0406 0.59 0938 2.22 FR 1529 0.70 2141 2.83								

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +09:30) or daylight savings time (UTC +10:30) when in effect

Moon Phase Symbols   ● New Moon   ◑ First Quarter   ○ Full Moon   ◐ Last Quarter

# WHYALLA – SOUTH AUSTRALIA

LAT 33° 1' LONG 137° 35'

Times and Heights of High and Low Waters

# 2017

Local Time

MAY				JUNE				JULY				AUGUST			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b>	0359 0.71	<b>16</b>	0353 0.62	<b>1</b>	0434 0.87	<b>16</b>	0438 0.67	<b>1</b>	0428 0.82	<b>16</b>	0436 0.74	<b>1</b>	0418 1.01	<b>16</b>	0354 1.11
	0914 1.60		0933 1.91		1026 1.70		1054 1.97		1057 2.11		1100 2.19		1133 2.29		1104 2.30
MO	1358 1.04	TU	1432 1.14	TH	1434 1.44	FR	1540 1.51	SA	1628 1.51	SU	1651 1.39	TU	1915 1.44	WE	
	2039 2.94		2048 2.86	☉	2109 2.44		2136 2.46	☉	2147 2.08		2214 2.11		2213 1.47		
<b>2</b>	0421 0.83	<b>17</b>	0420 0.67	<b>2</b>	0457 0.96	<b>17</b>	0509 0.79	<b>2</b>	0447 0.94	<b>17</b>	0456 0.94	<b>2</b>	0359 1.22	<b>17</b>	0133 1.19
	0931 1.51		1006 1.83		1134 1.75		1154 1.97		1152 2.16		1143 2.20		1250 2.19		1144 2.18
TU	1401 1.10	WE	1447 1.30	FR	1459 1.66	SA	1642 1.68	SU	1807 1.63	MO	1815 1.48	WE		TH	
	2056 2.79		2108 2.71		2117 2.12	☉	2213 2.14		2206 1.74	☉	2259 1.73				
<b>3</b>	0447 0.95	<b>18</b>	0452 0.76	<b>3</b>	0531 1.10	<b>18</b>	0549 0.99	<b>3</b>	0505 1.13	<b>18</b>	0507 1.20	<b>3</b>	0002 1.14	<b>18</b>	0024 0.87
	0955 1.44		1056 1.74		1628 1.92		1346 2.03		1328 2.20		1254 2.20		1535 2.24		1613 2.21
WE	1354 1.22	TH	1458 1.50	SA		SU	2026 1.73	MO		TU	2244 1.31	TH		FR	
☉	2109 2.54		2129 2.49				2330 1.76								
<b>4</b>	0525 1.10	<b>19</b>	0537 0.90	<b>4</b>	0633 1.28	<b>19</b>	0653 1.24	<b>4</b>	0447 1.35	<b>19</b>	1458 2.29	<b>4</b>	0017 0.87	<b>19</b>	0046 0.59
	1041 1.36		2143 2.19		1613 2.19		1525 2.22		1515 2.33		2359 0.92		0742 1.82		0801 1.97
TH	1221 1.35	FR		SU	2354 1.34	MO	2308 1.34	TU	2349 1.07	WE		FR	1032 1.72	SA	1200 1.79
	2054 2.24	☉											1651 2.42		1725 2.45
<b>5</b>	0803 1.24	<b>20</b>	0700 1.07	<b>5</b>	0445 1.54	<b>20</b>	0411 1.62	<b>5</b>	0728 1.60	<b>20</b>	0810 1.76	<b>5</b>	0047 0.67	<b>20</b>	0116 0.42
	1859 2.08		1737 2.03		0917 1.39		0906 1.42		0910 1.59		0907 1.76		0730 1.92		0757 1.99
FR		SA		MO	1640 2.43	TU	1618 2.43	WE	1619 2.50	TH	1619 2.47	SA	1139 1.57	SU	1229 1.57
							2355 0.97						1738 2.61		1808 2.65
<b>6</b>	1053 1.18	<b>21</b>	0926 1.14	<b>6</b>	0005 1.04	<b>21</b>	0609 1.78	<b>6</b>	0019 0.82	<b>21</b>	0043 0.62	<b>6</b>	0116 0.54	<b>21</b>	0144 0.37
	1800 2.21		1709 2.25		0555 1.72		1031 1.48		0702 1.78		0751 1.88		0737 1.99		0801 1.99
SA		SU	2345 1.41	TU	1039 1.37	WE	1656 2.64	TH	1044 1.56	FR	1051 1.75	SU	1218 1.40	MO	1253 1.35
					1707 2.64				1704 2.67		1713 2.67		1814 2.77		1842 2.78
<b>7</b>	0019 1.38	<b>22</b>	0442 1.82	<b>7</b>	0031 0.80	<b>22</b>	0039 0.67	<b>7</b>	0052 0.64	<b>22</b>	0123 0.42	<b>7</b>	0144 0.47	<b>22</b>	0207 0.41
	0516 1.77		1051 1.12		0631 1.86		0703 1.90		0717 1.90		0807 1.92		0749 2.03		0806 1.99
SU	1124 1.11	MO	1724 2.47	WE	1123 1.31	TH	1118 1.51	FR	1133 1.47	SA	1146 1.66	MO	1250 1.24	TU	1317 1.15
	1751 2.40				1734 2.80		1729 2.83		1741 2.82		1756 2.83		1846 2.89	☉	1911 2.84
<b>8</b>	0027 1.08	<b>23</b>	0012 1.05	<b>8</b>	0059 0.63	<b>23</b>	0121 0.47	<b>8</b>	0124 0.54	<b>23</b>	0159 0.34	<b>8</b>	0210 0.45	<b>23</b>	0225 0.49
	0559 1.93		0551 1.98		0701 1.96		0742 1.92		0736 1.97		0823 1.90		0805 2.07		0814 2.05
MO	1150 1.05	TU	1134 1.11	TH	1156 1.25	FR	1150 1.50	SA	1209 1.37	SU	1223 1.53	TU	1321 1.10	WE	1343 0.98
	1800 2.59		1743 2.66		1802 2.94		1800 2.98		1816 2.94	☉	1833 2.95	○	1916 2.96		1936 2.83
<b>9</b>	0047 0.84	<b>24</b>	0046 0.76	<b>9</b>	0130 0.54	<b>24</b>	0200 0.37	<b>9</b>	0155 0.49	<b>24</b>	0230 0.36	<b>9</b>	0234 0.44	<b>24</b>	0239 0.55
	0630 2.05		0638 2.07		0727 2.01		0815 1.89		0756 2.00		0836 1.87		0824 2.12		0826 2.15
TU	1212 1.01	WE	1204 1.14	FR	1225 1.19	SA	1215 1.46	SU	1242 1.26	MO	1256 1.38	WE	1351 0.99	TH	1410 0.86
	1816 2.75		1805 2.83	○	1831 3.03	☉	1833 3.08	○	1847 3.01		1906 3.00		1944 2.97		1958 2.75
<b>10</b>	0112 0.68	<b>25</b>	0121 0.55	<b>10</b>	0200 0.50	<b>25</b>	0236 0.37	<b>10</b>	0224 0.48	<b>25</b>	0255 0.44	<b>10</b>	0255 0.44	<b>25</b>	0250 0.59
	0657 2.12		0717 2.08		0752 2.03		0842 1.82		0817 2.02		0848 1.87		0846 2.18		0841 2.27
WE	1234 0.97	TH	1226 1.18	SA	1252 1.13	SU	1240 1.39	MO	1313 1.18	TU	1328 1.23	TH	1422 0.93	FR	1439 0.80
	1836 2.88		1828 2.98		1859 3.08		1904 3.12		1918 3.04		1936 2.97		2011 2.91		2020 2.64
<b>11</b>	0138 0.57	<b>26</b>	0157 0.44	<b>11</b>	0229 0.50	<b>26</b>	0309 0.44	<b>11</b>	0251 0.48	<b>26</b>	0312 0.53	<b>11</b>	0314 0.46	<b>26</b>	0300 0.59
	0723 2.15		0753 2.01		0817 2.03		0905 1.77		0841 2.05		0900 1.93		0909 2.24		0858 2.38
TH	1255 0.93	FR	1245 1.20	SU	1318 1.10	MO	1308 1.32	TU	1344 1.13	WE	1401 1.13	FR	1453 0.92	SA	1506 0.80
○	1859 2.98	☉	1852 3.09		1927 3.09		1933 3.08		1947 3.02		2002 2.88		2037 2.78		2041 2.49
<b>12</b>	0206 0.53	<b>27</b>	0233 0.41	<b>12</b>	0258 0.52	<b>27</b>	0333 0.54	<b>12</b>	0314 0.49	<b>27</b>	0324 0.61	<b>12</b>	0331 0.51	<b>27</b>	0312 0.61
	0748 2.14		0825 1.89		0843 2.02		0921 1.75		0905 2.08		0914 2.03		0931 2.29		0919 2.46
FR	1317 0.90	SA	1300 1.21	MO	1344 1.11	TU	1337 1.27	WE	1416 1.12	TH	1434 1.07	SA	1524 0.95	SU	1535 0.85
	1923 3.04		1918 3.14		1953 3.05		2000 2.98		2013 2.96		2026 2.74		2102 2.59		2104 2.31
<b>13</b>	0234 0.52	<b>28</b>	0307 0.46	<b>13</b>	0324 0.54	<b>28</b>	0350 0.65	<b>13</b>	0336 0.50	<b>28</b>	0334 0.64	<b>13</b>	0345 0.60	<b>28</b>	0324 0.67
	0813 2.11		0854 1.76		0910 2.01		0936 1.80		0931 2.11		0929 2.16		0951 2.33		0941 2.49
SA	1337 0.90	SU	1316 1.20	TU	1409 1.16	WE	1409 1.26	TH	1448 1.15	FR	1508 1.07	SU	1556 1.00	MO	1605 0.94
	1947 3.05		1942 3.12		2017 2.97		2025 2.83		2040 2.84		2050 2.57		2128 2.34		2128 2.09
<b>14</b>	0302 0.54	<b>29</b>	0338 0.56	<b>14</b>	0347 0.57	<b>29</b>	0401 0.72	<b>14</b>	0356 0.53	<b>29</b>	0344 0.66	<b>14</b>	0356 0.74	<b>29</b>	0335 0.79
	0839 2.05		0916 1.66		0939 1.99		0952 1.90		0958 2.14		0951 2.28		1012 2.37		1004 2.46
SU	1357 0.94	MO	1330 1.20	WE	1435 1.24	TH	1446 1.30	FR	1522 1.21	SA	1544 1.12	MO	1632 1.09	TU	1640 1.07
	2010 3.02		2003 3.04		2040 2.86		2051 2.63		2107 2.67		2117 2.36		2155 2.03	☉	2152 1.82
<b>15</b>	0328 0.58	<b>30</b>	0400 0.68	<b>15</b>	0411 0.60	<b>30</b>	0412 0.77	<b>15</b>	0416 0.60	<b>30</b>	0357 0.71	<b>15</b>	0402 0.92	<b>30</b>	0340 0.97
	0905 1.99		0932 1.62		1012 1.98		1018 2.02		1027 2.17		1018 2.35		1036 2.36		1028 2.36
MO	1415 1.03	TU	1347 1.22	TH	1504 1.36	FR	1531 1.39	SA	1601 1.29	SU	1624 1.20	TU	1722 1.23	WE	1729 1.24
	2029 2.95		2025 2.91		2105 2.70		2119 2.38		2138 2.43		2144 2.09	☉	2217 1.66		2204 1.53
		<b>31</b>	0417 0.79					<b>31</b>	0410 0.83					<b>31</b>	0323 1.16
			0952 1.64						1051 2.35						1049 2.20
		WE	1409 1.29						1715 1.33						
			2048 2.71						☉ 2211 1.79						

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Datum of Predictions is Lowest Astronomical Tide

Times are in local standard time (UTC +09:30) or daylight savings time (UTC +10:30) when in effect

Moon Phase Symbols    ● New Moon    ☾ First Quarter    ○ Full Moon    ◐ Last Quarter

# WHYALLA – SOUTH AUSTRALIA

LAT 33° 1' LONG 137° 35'

Times and Heights of High and Low Waters

# 2017

Local Time

SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m	Time	m
<b>1</b> 0038 1101 FR	1.18 1.99	<b>16</b> 0023 0814 SA 1302 1645	0.86 2.04 1.83 1.98	<b>1</b> 0820 1328 SU 1749	1.98 1.67 1.91	<b>16</b> 0056 0742 MO 1322 1843	0.90 2.09 1.35 2.03	<b>1</b> 0041 0653 WE 1314 1900	0.93 2.28 1.01 2.19	<b>16</b> 0041 0636 TH 1333 1935	1.17 2.45 0.67 2.07	<b>1</b> 0022 0617 FR 1326 1936	1.23 2.48 0.64 2.10	<b>16</b> 0017 0613 SA 1349 2010	1.45 2.61 0.49 1.99
<b>2</b> 0012 0744 SA 1150 1653	0.93 1.91 1.76 2.15	<b>17</b> 0031 0729 SU 1228 1741	0.65 2.05 1.57 2.25	<b>2</b> 0101 0746 MO 1314 1836	0.83 2.07 1.41 2.19	<b>17</b> 0114 0728 TU 1330 1912	0.82 2.20 1.04 2.22	<b>2</b> 0108 0705 TH 1339 1931	0.86 2.43 0.73 2.34	<b>17</b> 0102 0652 FR 1357 1958	1.13 2.61 0.50 2.15	<b>2</b> 0054 0641 SA 1401 2011	1.22 2.66 0.42 2.16	<b>17</b> 0051 0644 SU 1418 2030	1.36 2.75 0.39 2.07
<b>3</b> 0032 0719 SU 1208 1741	0.71 1.99 1.52 2.40	<b>18</b> 0052 0719 MO 1240 1815	0.54 2.09 1.29 2.46	<b>3</b> 0125 0742 TU 1328 1909	0.69 2.18 1.14 2.42	<b>18</b> 0132 0728 WE 1347 1938	0.81 2.32 0.80 2.33	<b>3</b> 0133 0721 FR 1408 2002	0.84 2.57 0.53 2.40	<b>18</b> 0122 0712 SA 1423 2020	1.08 2.75 0.41 2.19	<b>3</b> 0119 0706 SU 1437 2044	1.23 2.81 0.29 2.13	<b>18</b> 0120 0715 MO 1447 2051	1.26 2.85 0.35 2.10
<b>4</b> 0057 0718 MO 1231 1815	0.57 2.07 1.30 2.60	<b>19</b> 0113 0718 TU 1257 1843	0.52 2.13 1.05 2.59	<b>4</b> 0149 0749 WE 1351 1938	0.60 2.28 0.90 2.57	<b>19</b> 0148 0737 TH 1409 1959	0.81 2.44 0.62 2.39	<b>4</b> 0154 0741 SA 1438 2031	0.86 2.70 0.39 2.37	<b>19</b> 0143 0736 SU 1449 2042	1.01 2.85 0.37 2.19	<b>4</b> 0140 0733 MO 1513 2115	1.24 2.93 0.25 2.04	<b>19</b> 0148 0747 TU 1516 2113	1.17 2.91 0.36 2.12
<b>5</b> 0122 0725 TU 1256 1844	0.49 2.12 1.09 2.75	<b>20</b> 0131 0723 WE 1318 1907	0.57 2.20 0.85 2.64	<b>5</b> 0211 0802 TH 1417 2005	0.57 2.38 0.70 2.65	<b>20</b> 0203 0750 FR 1432 2021	0.81 2.57 0.50 2.39	<b>5</b> 0213 0802 SU 1510 2100	0.90 2.81 0.34 2.26	<b>20</b> 0205 0803 MO 1517 2106	0.96 2.91 0.38 2.17	<b>5</b> 0158 0801 TU 1547 2144	1.23 2.99 0.30 1.91	<b>20</b> 0216 0817 WE 1543 2135	1.10 2.93 0.40 2.11
<b>6</b> 0145 0738 WE 1323 1911	0.45 2.19 0.91 2.84	<b>21</b> 0146 0732 TH 1341 1929	0.61 2.30 0.70 2.63	<b>6</b> 0231 0819 FR 1444 2032	0.58 2.48 0.56 2.64	<b>21</b> 0218 0809 SA 1457 2042	0.79 2.69 0.45 2.36	<b>6</b> 0228 0825 MO 1541 2127	0.95 2.88 0.37 2.08	<b>21</b> 0227 0829 TU 1544 2129	0.94 2.91 0.43 2.13	<b>6</b> 0216 0828 WE 1618 2208	1.22 2.98 0.41 1.79	<b>21</b> 0243 0844 TH 1608 2159	1.06 2.90 0.44 2.10
<b>7</b> 0206 0756 TH 1351 1938	0.44 2.26 0.78 2.85	<b>22</b> 0159 0747 FR 1406 1949	0.63 2.42 0.61 2.57	<b>7</b> 0250 0839 SA 1514 2058	0.61 2.58 0.49 2.54	<b>22</b> 0235 0830 SU 1522 2103	0.76 2.76 0.45 2.30	<b>7</b> 0241 0846 TU 1610 2150	1.00 2.90 0.47 1.89	<b>22</b> 0249 0854 WE 1609 2153	0.95 2.87 0.50 2.07	<b>7</b> 0233 0853 TH 1642 2226	1.21 2.91 0.56 1.71	<b>22</b> 0310 0910 FR 1630 2223	1.07 2.82 0.49 2.09
<b>8</b> 0225 0816 FR 1420 2004	0.46 2.34 0.70 2.78	<b>23</b> 0212 0805 SA 1432 2010	0.62 2.52 0.58 2.48	<b>8</b> 0306 0900 SU 1543 2123	0.67 2.66 0.49 2.36	<b>23</b> 0251 0853 MO 1548 2125	0.75 2.80 0.49 2.22	<b>8</b> 0249 0904 WE 1636 2207	1.05 2.87 0.61 1.71	<b>23</b> 0310 0916 TH 1633 2218	1.01 2.79 0.57 2.00	<b>8</b> 0251 0915 FR 1659 2240	1.22 2.77 0.71 1.70	<b>23</b> 0339 0934 SA 1650 2249	1.12 2.72 0.54 2.08
<b>9</b> 0243 0836 SA 1449 2029	0.50 2.42 0.67 2.63	<b>24</b> 0225 0824 SU 1457 2030	0.62 2.60 0.60 2.36	<b>9</b> 0318 0918 MO 1610 2145	0.76 2.70 0.55 2.14	<b>24</b> 0309 0915 TU 1613 2148	0.78 2.78 0.56 2.11	<b>9</b> 0255 0920 TH 1657 2221	1.09 2.78 0.76 1.59	<b>24</b> 0330 0935 FR 1656 2247	1.11 2.68 0.64 1.92	<b>9</b> 0313 0936 SA 1710 2301	1.26 2.58 0.83 1.74	<b>24</b> 0408 0958 SU 1711 2320	1.21 2.57 0.61 2.07
<b>10</b> 0257 0856 SU 1517 2053	0.58 2.47 0.71 2.41	<b>25</b> 0239 0845 MO 1523 2053	0.65 2.63 0.66 2.21	<b>10</b> 0325 0934 TU 1636 2202	0.85 2.71 0.66 1.90	<b>25</b> 0324 0934 WE 1637 2212	0.86 2.72 0.64 1.98	<b>10</b> 0258 0936 FR 1716 2237	1.15 2.64 0.92 1.51	<b>25</b> 0350 0954 SA 1721 2323	1.24 2.54 0.75 1.84	<b>10</b> 0340 0958 SU 1722 2339	1.35 2.33 0.94 1.79	<b>25</b> 0444 1026 MO 1733 2358	1.31 2.37 0.73 2.05
<b>11</b> 0307 0912 MO 1544 2113	0.69 2.51 0.78 2.15	<b>26</b> 0251 0905 TU 1548 2116	0.72 2.61 0.75 2.04	<b>11</b> 0327 0946 WE 1659 2216	0.93 2.69 0.80 1.67	<b>26</b> 0338 0951 TH 1702 2238	0.98 2.63 0.74 1.83	<b>11</b> 0255 0949 SA 1737 2259	1.24 2.41 1.09 1.44	<b>26</b> 0408 1014 SU 1753 2259	1.41 2.34 0.90	<b>11</b> 0419 1012 MO 1735	1.52 2.02 1.07	<b>26</b> 0535 1058 TU 1758	1.44 2.09 0.93
<b>12</b> 0311 0926 TU 1611 2131	0.81 2.53 0.90 1.86	<b>27</b> 0302 0923 WE 1616 2139	0.85 2.55 0.87 1.82	<b>12</b> 0324 1000 TH 1723 2224	1.01 2.62 0.98 1.47	<b>27</b> 0348 1005 FR 1730 2308	1.14 2.50 0.89 1.66	<b>12</b> 0201 0933 SU 1810	1.37 2.12 1.29	<b>27</b> 0028 0426 MO 1028 1843	1.74 1.61 2.06 1.11	<b>12</b> 0100 0639 TU 0810 1729	1.84 1.71 1.72 1.25	<b>27</b> 0055 0707 WE 1142 1823	2.03 1.54 1.74 1.19
<b>13</b> 0309 0943 WE 1645 2141	0.94 2.51 1.06 1.55	<b>28</b> 0307 0938 TH 1649 2157	1.02 2.43 1.04 1.58	<b>13</b> 0306 1011 FR 1757 2153	1.09 2.45 1.20 1.30	<b>28</b> 0346 1016 SA 1812 2153	1.32 2.31 1.08	<b>13</b> 0743 1454 MO 1803 2353	1.95 1.48 1.53 1.28	<b>28</b> 0533 2130 TU	1.84 1.30	<b>13</b> 0405 1307 WE	2.00 1.23	<b>28</b> 0242 1139 TH	2.06 1.34
<b>14</b> 0253 0958 TH 1754 1935	1.05 2.40 1.29 1.30	<b>29</b> 0254 0947 FR 1755 2138	1.20 2.26 1.26 1.33	<b>14</b> 0148 0954 SA	1.12 2.21	<b>29</b> 0008 0137 SU 1001 2213	1.46 1.46 2.07 1.24	<b>14</b> 0636 1307 TU 1842	2.06 1.23 1.75	<b>29</b> 0530 1232 WE 1801 2335	2.07 1.31 1.72 1.27	<b>14</b> 0504 1258 TH 1942 2330	2.23 0.92 1.70 1.52	<b>29</b> 0424 1239 FR 1947 2316	2.20 0.95 1.75 1.62
<b>15</b> 0116 1000 FR	1.07 2.21	<b>30</b> 0038 0926 SA 2344	1.26 2.04 1.05	<b>15</b> 0055 0825 SU 1412 1803	1.02 2.05 1.62 1.77	<b>30</b> 0742 1350 MO 1713	1.97 1.61 1.69	<b>15</b> 0019 0627 WE 1313 1910	1.22 2.26 0.91 1.94	<b>30</b> 0552 1254 TH 1856	2.28 0.94 1.95	<b>15</b> 0540 1321 FR 1952	2.43 0.67 1.87	<b>30</b> 0522 1322 SA 2014	2.40 0.61 1.94
				<b>31</b> 0008 0653 TU 1259 1822	1.06 2.11 1.32 1.96							<b>31</b> 0017 0606 SU 1404 2043	1.61 2.59 0.37 2.03		

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Moon Phase Symbols ● New Moon ○ First Quarter ○ Full Moon ● Last Quarter